

VANM215.001AUS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#10/B
PATENT
9/21/02
R. D. Hume

Applicant : Hevesi, et al.) Group Art Unit 1641
Appl. No. : 09/833,030)
Filed : April 10, 2001)
For : METHOD FOR OBTAINING A)
SURFACE ACTIVATION OF A)
SOLID SUPPORT FOR BUILDING)
BIOCHIP MICROARRAYS)
Examiner : Tran, My-Chau T.)

RECEIVED

SEP 17 2002

TECH CENTER 1600/2900

09/16/2002 SSESHE1 00000069 09833030

01 FC:215

55.00 DP

AMENDMENT

United States Patent and Trademark Office
P.O. Box 2327S
Arlington, VA 22202

Dear Sir:

In response to the Office Action dated May 8, 2002 (Paper No. 9), please amend the^{*} above-captioned application as follows:

IN THE CLAIMS

Please cancel claim 1 without prejudice.

Please amend claims 2, 3, 5, 6 and 8 as follows:

- 2 (Amended) A method for making microarrays comprising the steps:
- a) subjecting the surface of a solid support to an oxidation of olefinic groups present on said surface in order to allow the formation of aldehyde functions upon the surface of said solid support; and
 - b) covalently binding upon said aldehyde functions capture molecules designed for the detection, the identification, the quantification and/or the recovery of complementary target biological or chemical molecules of interest; said covalent binding resulting in an array comprising a density of at least 4 or more discrete regions/cm² of solid